

Bemcot® M3 Anti-Static Wipers

100% Filament Rayon Nonwoven Wipers

Bemcot® antistatic wipers are for quick and easy wiping in cleanrooms and other environments that demand the lowest levels of lint, particles and static generation.

Bemcot® is characterized by its low particle generation, high absorbency, high purity, high chemical resistance, high heat resistance, anti-static, ecoefficiency, enabling the high level of performance required for wipers for cleanrooms.

The Bemcot® M3 Wipe is an entangled nonwoven fabric with a 100% filament rayon composition. Because rayon is completely cellulosic, this is an extremely absorbent wipe. The soft, low-linting wipe is quarter-folded and is sized to fit the hand. The M3 wipe is heat-resistant for cleaning high temperature process equipment and diffusion furnaces. The wipe is quarter-folded to promote proper wiping protocol.

Bemcot wipers are used in many industries such as semiconductor, optical, medical, cosmetics, food & beverage, printed circuit boards, building maintenance, automobile, air craft, LCD, magnetic tapes, oil, tools, equipment, glass, optics, etc.

Size:

- Dimensions: 10 x 10-Inch (24.9 x 24.9cm).
- 100/Pack; 30 Packs/Case.

Applications:

Bemcot wipers can be used in various industries such as semiconductor, optical, medical, cosmetics, food & beverage, printed circuit boards, building maintenance, automobile, air craft, LCD, magnetic tapes, oil, tools, equipment, glass, optics, etc.



Features

- **Extremely Absorbent: Absorbs 13 times its Weight in Liquid**
- **Excellent Antistatic and Heat Resistance Properties**
- **Made of 100% Filament Rayon**
- **Nonwoven, Soft, and Low-linting Wiper**
- **No binders—Safe to Use with Solutions**
- **Apertured Surface Promotes Particle Removal**

This document is prepared for our customers as a service, and is to the best of our knowledge true and accurate. However, it is understood and agreed by the users of this document that we will accept no liability for the conclusions reached. Users of this document may therefore wish to perform additional testing before determining that products mentioned are suitable.

Key Benefits of Bemcot® M3

Ultra-Low Fiber Release

Bemcot wipers has a very low fiber release compared to polyester knit and staple-fiber rayon/polyester nonwoven wipes.*

**Test method: Wet-agitation test - wiper immersed in 300ml pure water, subjected to 15min ultrasound agitation, water filtered, and fibers on filter counted.*

Anti-Static

Bemcot wipers are low tribocharging so they will not produce significant static charge or damage components with ESD.

High Absorption

Each Bemcot fiber absorbs liquid and swells. Coupled with its special structure, its property allows Bemcot to absorb liquid 13 times its weight.

High Purity

Bemcot wipers readily observable reduction in impurities transfer.*

**Test method: Water (0.1ml) wiped from blank wafer by typical Bemcot or competitive wiper under given load, wafer surface then observed for residual impurities. Performed by Asahi Kasei Corporation.*

Chemical Resistance

Bemcot wipers exhibit strong chemical resistance for both IPA and Acetone.*

**Test method: Typical Bemcot or other competitive wiper immersed in solvent for 1 day, solvent then evaporated and residual extracts measured and expressed in parts per million (ppm) parts solvent. Performed by Asahi Kasei Corporation.*

Heat Resistance

Bemcot is carbonized at a temperature between 260 and 300°C. Unlike synthetic fibers, it does not dissolve at 150°C.

Biodegradability & Ecoefficiency

Bemcot wipers are made from 100% cotton linter which is ecologically safe, being free from environmental contaminants

Model Bemcot

Material:

Dimensions:

Package:

Absorption:

Saturation:

Particulate Release:

Sterility:

Product Number

WPBEMM-3II

Specifications

100% Filament Rayon

Entangled nonwoven fabric

10 x 10-Inch (24.9 x 24.9cm).

Quarter Folded

100/Pack; 30 Packs/Case.

High

Dry

Low

Non-Sterile

Bemcot M3II Wiper



About Transforming Technologies

Since 1998, Transforming Technologies has helped electronic manufacturing facilities to protect their products and processes from the many serious problems associated with static electricity.

Transforming Technologies offers a wide range of unique and outstanding products to detect, protect, eliminate and monitor electrostatic charges. Our products are integral components of an effective static control program.

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